

BIDIRECTIONAL FREQUENCY SHIFT CODING USING TWO DIFFERENT CODES FOR UPSTREAM AND DOWNSTREAM

ABSTRACT OF THE DISCLOSURE

A method of transmitting bidirectional telephony communication signals on a single optical fiber. The bidirectional signals are transmitted in one direction as NRZ coded signals at a first clocking pulse rate, and in the other direction as Manchester coded signals at a second clocking pulse rate which is a multiple (preferably three times (3x)) of the first clocking pulse rate.

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